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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/727,134	11/30/2000	Norbert Wolters	8874-US	2924

7590

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Kevin J. Moriarty
Patent Department
DEERE & COMPANY
One John Deere Place
Moline, IL 61265-8098

EXAMINER

KOVACS, ARPAD F

ART UNIT

PAPER NUMBER

3671

DATE MAILED: 06/27/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/727,134

Applicant(s)

Wolters et al.

Examiner

Árpád Fábán Kovács

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on May 23, 2002.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-13, 15, and 17-21 is/are pending in the application.
- 4a) Of the above, claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-7, 20, and 21 is/are rejected.
- 7) ☒ Claim(s) 8-13, 15, and 17-19 is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☒ All b) ☐ Some* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- *See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____ 6) ☐ Other:

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DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claim(s) 1-4, 20-21 are rejected under 35 U.S.C. 102(b) as being anticipated by Wiegert (PCT WO 99/03323).

In re independent claims 1, 2, 20, Wiegert discloses a feeding and picking device for feeding and picking a standing crop's individual plant stalks, the device comprising:

a picking device (10, 11) which separate useable parts from stalks, wherein a rotating about a vertical axis feeding device with outwardly extending fingers (stalk working device ref 21, 22 on fig 2-4; but also ref 20 on fig 4 may be considered) grasps or transports the stalk throughout an effective length of the picking device (as best shown on fig 4), as shown on fig 2, there are number of feeding & picking devices, or at least two are provided;

in re claim 21, a symmetrical line taken along a mid section of the harvesting means, for example from the mid ref 8, the picking and feeding devices are symmetrically positioned to each other in reference to both sides;

in re claim 3, a snapping channel (31) wherein the feeding device covers the snapping channel (as shown on fig 4, the feeding device covers the channel);

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in re claim 4, as shown on fig 4, there are gaps between the fingers which are sufficient deep enough to allow the stalk to fit in the gap and thereby transported along or over the snapping channel, similarly as the above stated that the stalk is transported along the effective length of the picking device.

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Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claim(s) 5-7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wiegert (PCT WO 99/03323), in view of Thompson (2777267) and Pottinger et al (GB 2012154, cited by the applicant).

Wiegert discloses the claimed invention above including the fact the feeding element can be substituted by any other known devices (page 4, 2nd paragraph), however Wiegert does not show or list the claimed alternative feeding device.

Both Pottinger and Thompson disclose known devices for conveying the stalk, for example Thompson shows that the feeding device with finger (fig 1-2, ref 31), wherein the fingers of the upper element (for example ref 37) are directed away from a direction of rotation (as shown on fig 1) and the lower feeding element is beneath the upper feeding element and rotate the same direction as the upper one (fig 2, 3); and similarly Pottinger shows on fig 2 and 4, the same arrangement wherein the upper feeding element (13 or 14, and tines or fingers 10) are directed away from the direction of the feeding element; and the lower feeding element is beneath the upper feeding element and rotate the same direction as the upper one (fig 1).

It would have been obvious to one having ordinary skill in the art at the time the invention was made to provide the feeding device of Wiegert with the alternative feeding device taught by

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either Pottinger and/or Thompson, in order to improve the lifting actions and support on stalks which may have been leaned forwardly by the agricultural harvester.

Allowable Subject Matter

5. Claims 8-13, 15, 17-19 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

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Response to Arguments

6. Applicant's arguments with respect to claims 1-13, 15, 17-21 have been considered but are moot in view of the new ground(s) of rejection.

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

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Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Uhlending et al., Arnold et al., Dow, Mizzi, Jacobson shows closely related arts to applicant's invention.

Any inquiry concerning this communication should be directed to Árpád Fábíán Kovács at telephone number (703) 308-5897, or in my absence contact Thomas B. Will whose telephone number is (703) 308-3870.



Thomas B. Will
Supervisory Patent Examiner
GROUP 3671

áfk/ÁFK
June 20, 2002